

IN THE CLAIMS

Claims 30 and 31 are amended as indicated below. No claims have been added. No claims have been cancelled. All pending claims are reproduced below.

- 1 29. (Previously presented) A method for use in a detector device for controlling
2 access to information on a network including a plurality of interconnected devices, the detector
3 device coupled to the network between a first device and a second device, the method
4 comprising:

5 monitoring a plurality of request signals for data between the first device and the second
6 device in the network, at least one request signal including a user identification parameter;

7 determining whether a user identified by the user identification parameter in the request
8 signal is permitted access to the data;

9 comparing a predetermined parameter associated with the user with a pre-determined
10 parameter associated with the data to determine permission to access the data; and

11 in response to the comparison, providing a response to the request signal; and

12 in response to an operational failure within the detector device, allowing the plurality of
13 request signals to pass uninterrupted between the first device and the second device.

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1 30. (Currently amended) A method of controlling access of claim 29, wherein the
2 provided response comprises allowing access to the data when the predetermined parameter
3 associated with the user is greater than or equal to a predetermined parameter associated with the
4 data.

1 31. (Currently amended) A method of controlling access of claim 29, wherein the
2 provided response comprises allowing access to the data when the predetermined parameter

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3 associated with the user is less than or equal to a predetermined parameter associated with the
4 data.

1 32. (Previously presented) The method of claim 29, wherein the provided response
2 comprises re-directing the data signal to a third device in response to the predetermined
3 parameter associated with the user being less than the predetermined value associated with the
4 data, the third device allowing for a re-setting of the predetermined parameter to a new parameter
5 comprising a value greater than or equal to the predetermined parameter associated with the data.

1 33. (Previously presented) The method of claim 29, wherein the predetermined
2 parameter is one from a group comprising a positive monetary value, a positive time value, a
3 bandwidth value, a quality of service value, and a content rating.

1 34. (Previously presented) The method of claim 33, further comprising allowing
2 access to one from a group comprised of voice data, video data, and a real-time application in
3 response to at least one of the bandwidth value or quality of service value being greater than or
4 equal to a threshold parameter.

1 35. (Previously presented) The method of claim 29, further comprising providing
2 access to a second data that does not require a parameter value in response to either the
3 predetermined parameter associated with the user being less than or equal to the predetermined
4 parameter associated with the data or the user not having permission to access the data
5 corresponding to the request signal.

1 36. (Previously presented) A network-based billing method on a detector device for
2 providing access to resources on a network, the detector device coupled to the network such that

3 the detector device does not introduce a point of failure if the detector device becomes
4 inoperable, the method comprising:

5 monitoring a data signal from a device on a network, the data signal including a request
6 for a resource;

7 identifying a value for accessing the resource;

8 associating a user identification with the data signal;

9 determining whether a user identified by the user identification is permitted access to the
10 resource;

11 identifying a credit balance for the user identification;

12 comparing the credit balance with the value to determine access to the resource;

13 in response to the comparison, determining a response to the request; and

14 in response to an operational failure within the detector device, allowing the data signals
15 to pass uninterrupted between the resources on the network.

1 37. (Previously presented) The network-based billing method of claim 36, further
2 comprising allowing access to the resource in response to the credit balance being less than or
3 equal to the cost preventing access to the resource.

1 38. (Previously presented) The network-based billing method of claim 36, further
2 comprising allowing access to the resource in response to the credit balance being greater than or
3 equal to the cost preventing access to the resource.

1 39. (Previously presented) The method of claim 36, further comprising re-directing
2 the data signal to a second resource in response to the credit balance being less than the cost, the
3 second resource configured to allow for increasing the credit balance.

1 40. (Previously presented) The method of claim 36, further comprising providing
2 access to a second resource having no cost in response to the credit balance being less than the
3 cost.

1 41. (Previously presented) The method of claim 36, wherein the cost comprises one
2 from a group comprising a monetary value, a quality of service value, a bandwidth value, a time
3 value, and a content rating value.

1 42. (Previously presented) The method of claim 36, further comprising passing the
2 data signal to a second device having the resource.